

| | Lead Agency | Programs Supported By This Data | Uses Of This Data | Do You Have A Current Charter/Plan For Collection? | Is Metadata Discoverable Through The NSDI Clearinghouse? |
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| Biological Data Working Group | USGS | Any program that uses biological data and information. | Helps users discover, assess, access, and use both geospatial and non-geospatial biological data. | Yes. The plan is updated annually. | N/A |
| Clearinghouse Working Group | FGDC | All programs using geospatial data. | The Clearinghouse facilitates discovery of geographic data using common descriptions (metadata). | There is no specific plan or charter. The clearinghouse collects new metadata on new and old datasets globally every month. | Yes. Metadata is the central feature of the Clearinghouse. |
| Earth Cover Working Group | NRCS | All programs using earth cover categories. | Fosters an integrated approach to identification, classification, and/or mapping of feature that cover the surface of the U.S. | Yes. | |
| Facilities Working Group | USACE/ CADD GIS Technology Center | CADD/GIS Technology Center | N/A | Yes. | Yes. Clearinghouse node was taken out of service as it was not being used by DoD installations because there is no guidance from DoD instructing them to collect and post metadata. |
| Historical Data Working Group | NARA | Long term access to geospatial data and metadata by creating agencies, other agencies and other secondary users. | Historical uses of data are varied. They can support agency needs, satisfy intellectual curiosity, or provide information to document historical changes. | The working group's charter focuses on data management and historical preservation | All metadata transferred to NARA will remain discoverable through the Clearinghouse and/or NARA's customer service units. Under NARA's transfer standards all geospatial data created after the effective date of Executive Order 12906 must have metadata. |
| Marine Boundary Working Group | NOAA/MMS | Formed in January 2001 to foster integrated approaches to the legal and geospatial descriptions of marine boundaries and mapping of marine boundary features. | Fosters integrated approaches to the legal and geospatial descriptions of marine boundaries and mapping of marine boundary features. | Yes, a draft Charter has been developed. | |
| Metadata Ad Hoc Working Group | FGDC | Helps coordinate the FGDC Metadata Program. | Metadata provides information about the data in a standardized form served via a NSDI Clearinghouse Node. | Charter available at: http://www.fgdc.gov/metadata/mwg/fgdcchrt.html | Yes. This group promotes the collection of metadata. |
| Sample Inventory and Monitoring of Natural Resources and the Environment (SIMNRE) Working Group | NRCS | Several national probability surveys monitor the status and trends of terrestrial natural resources. Within USDA, data coordination and integration efforts mainly include the National Resource Inventory (NRI), the Forest Inventory and Assessment (FIA), and various activities of the National Agriculture Statistics Service (NASS). | Statistically sampled natural resource data are used to determine environmental trending and assist in long-term strategic planning for resource management. | Charter exists but is in need of review/update. | There is no specific theme from which to generate metadata. Forest Inventory Assessment program and the National Resources Inventory System are not accessible through the NSDI Clearinghouse. |

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| Standards Working Group | FGDC | Promotes and coordinates FGDC standards activities. | N/A | Charter available at http://www.fgdc.gov/standards/organization/swgcharter.html | Approved a standards proposal to develop FGDC Profiles of the ISO 19115 Metadata standard. |

| | Status Of This Theme's Standards | FY 2000/2001 Activities | What Is Your Leadership Role With Others Who Use This Data? |
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| Biological Data Working Group | Biological Data Profile of the Content Standard for Digital Geospatial Metadata was developed. Preparing a draft FGDC Standard for Biological Nomenclature and Taxonomy. | Biological Data Profile of the Content Standard for Digital Geospatial Metadata was approved. Four FGDC fact sheets regarding Biological Data Working Group activities were produced. Proposal to develop a biological nomenclature and taxonomy standard was approved. Two workshops held to develop consensus data model for development of a draft biological nomenclature and taxonomy standard. | Members from interested Federal and State agencies, universities and NGO's . |
| Clearinghouse Working Group | FGDC Metadata, ISO TC211 Standards, and OpenGIS Consortium Specifications are applied where appropriate. | Clearinghouse Nodes have increased by 100%. Over 1 million metadata records are in the Clearinghouse. | Coordinate and lead in data documentation and publication tasks across many use sectors. |
| Earth Cover Working Group | | FY2000 activities: A draft Earth Cover Standard was submitted for consideration. A request was submitted to FGDC for fund to conduct 2-4 regional workshops for public review of ECWG Standard. FY2001: Change of Chairmanship of Working Group Requested. | Fosters an integrated approach to identification, classification, and/or mapping of feature that cover the surface of the U.S. |
| Facilities Working Group | Utilities Standard, CADD Profile are completed. The SDSFIE content/classification standards have been submitted to ANSI. Transfer Standards are developed by private industry and OGC. | Worked with local governments to implement the SDSFIE, Worked with FAA on implementing the SDSFIE and GIS at over 40 airports. | Serve as a multi-agency vehicle to coordinate facilities, infrastructure, and environmental use of CADD and GIS within DoD and other participating agencies and the private sector. |
| Historical Data Working Group | None. | During this time the chair and the working group provided liaison information and assistance regarding geospatial historical data management, archives, and data management costs to the EROS Data Center, the San Diego Supercomputer Center, the Consultative Committee on Space Data Systems, and the FGDC Secretariat. | The working group chair has continued a consultative role with other FGDC subcommittees and working groups and other agencies responding to questions and requests for assistance |
| Marine Boundary Working Group | | Held a kick-off meeting on March 14, 2001. Developed a draft charter. Developed a Marine Boundary Working Group website. Held a working group meeting on June 14, 2001. | Goals: to avoid duplicating efforts, provide a venue for communicating marine boundary activities, and to use standardized methodologies to produce more complete data. |
| Metadata Ad Hoc Working Group | Content Standard for Digital Geospatial Metadata (FGDC-STD-001-1998) was created and is being harmonized with the International Metadata Standard (ISO 19115). | Inactive since Jan. 1, 2000. Will soon begin developing FGDC Profiles of the International Metadata Standard (ISO 19115). | Federally based but receives input from other NSDI partners. |
| Sample Inventory and Monitoring of Natural Resources and the Environment (SIMNRE) Working Group | Standards are in the preliminary stage. | Coordination of NRI and FIA in Minnesota. Coordination activities involve NRCS, USFS, Minnesota DNR, and USGS-EDC. | Cross agency communication continues as a result of shared efforts and projects. Cooperation with the university/educational community is constant. |

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| Standards Working Group | List of standards available at: http://www.fgdc.gov/standards/status/extstatus.html | Shoreline Metadata Profile endorsed by FGDC Steering Committee in June 2001. Four draft standards completed for public review: 1. Extensions for Remote Sensing Metadata, 2. NSDI Framework Transportation ID Standard, 3. Address Content Standard, 4. Standard for a U.S. National Grid | Active in reviewing proposals and draft standards for FGDC endorsement. Promote public review of standards. |

| | Major Partnerships | Broad International Participation | Data Sharing Policy | Concerns | Lessons Learned |
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| Biological Data Working Group | N/A | International representation on FGDC Standards development through professional societies and other NGO's. | N/A | None. | Use of professional societies and NGO's has been very beneficial in developing FGDC Standards. |
| Clearinghouse Working Group | ESRI Geography Network is applying Clearinghouse technologies. | Yes - through OpenGIS Consortium and ISO TC211. | Encourages data sharing and permits data for sale to be advertised through the Clearinghouse. | None. | None. |
| Earth Cover Working Group | | Representatives consist of Federal agencies that collect earth cover data as part of their mission. | Yes. | None. | None. |
| Facilities Working Group | Partnerships with USACE, Army, Air Force, Navy, Marine Corps, Coast Guard, Defense Logistics Agency, EPA, NASA, GSA, State, National Institute of Buildings Sciences. Also with 28 local governments, 6 State government organizations, 11 Federal Government organizations, 90 DoD offices and installations, 89 commercial organizations, OGC, and IAI. | Many countries have requested copies of the SDSFIE. Incheon Airport, Korea used the SDSFIE for it's GIS implementation. | DoD has no policy in place for data sharing. USACE, NAVFAC, DAIM, and GeoBase Initiative have policies in place. | None. | GIS implementation requires funds and manpower. Continual GIS training is needed. Planning process should include procedures for updating GIS data. |
| Historical Data Working Group | Consultative Committee for Space Data Systems (CCSDS), the National Partnership for Advanced Computational Infrastructure (NPACI), and the International Research on Permanent Authentic Records in Electronic Systems (InterPARES). | Both CCSDS and InterPARES are international | Yes. | None. | None. |
| Marine Boundary Working Group | MMS, NOAA, NPS, FWS, FCC, BLM, Census, and EPA participate in this working group. | The Working group is not involved in international coordination. | Yes. | None. | None. |
| Metadata Ad Hoc Working Group | N/A | Participates in international/global activities via individual membership. | N/A | None. | None. |
| Sample Inventory and Monitoring of Natural Resources and the Environment (SIMNRE) Working Group | Partnerships vary by agency effort. Federal efforts such as the FIA and NRI cooperate with each other, university community and private sector when appropriate. | No. | Data access and information policies vary by existing program. The group will address data access and privacy issues during standards discussions in FY02. | There is confusion regarding the role of Working Groups and Subcommittees and the leadership role for theme generation as defined by A-16. | None. |

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|-------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|------------------------------------------|
| Standards Working Group | N/A | Participates in ANSI-accredited NCITS Technical Committee L1, Geographic Information Systems, which is the U.S. Technical Advisory Group to the Technical Committee 211 - Geographic Information/Geomatics | FGDC Standards will have a broadly based public notice of their availability. They will not contain any copyrights or other limitations on their use or reproduction. | The lead agency should implement endorsed standards in its activities and that of other stakeholders. | Boilerplate Procurement Language needed. |